ÖKO_FAVORIT 50800

Dishwasher

User Instructions

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Dear customer,

Please read these user instructions carefully.

Above all please observe the safety instructions on the first few pages ofthese user instructions! Please keep these user instructions for later reference. Pass them on to any subsequent owner of the appliance.

The warning triangle and/or specific words **(Warning!, Caution!, Important!)** are used to highlight instructions that are important for your safety or for the function of the appliance. It is imperative that these instructions are observed.

☞ This symbol or numbered instruction steps lead you step for step through the operation of the appliance.

Next to this symbol you receive additional information and practical tips on using the appliance.

Tips and instructions for the economical and environmentally conscious use of the appliance are marked with a clover leaf.

In the event of a malfunction, these operating instructions contain information on how to rectify faults yourself, see the "What to do, if..." section.

If these instructions are insufficient, please contact your nearest customer service centre.

In the case of technical problems, our customer service organisation is available to provide you with assistance at any time (you will find addresses and telephone numbers in the "Customer Service Centres" section).

In this respect please read the "Service" note on the rear of these user instructions.

Your dishwasher is fitted with the new "PULSE WASH" wash system. With this wash system, the motor speed and spray pressure are varied during the wash programme to improve the cleaning of the dishes. It is for this reason that the noise level changes during the wash programme.

Printed on paper manufactured with environmentally sound processes. He who thinks ecologically acts accordingly ...

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OPERATING INSTRUCTIONS

⚠ Safety Instructions

The safety aspects of AEG electrical appliances comply with accepted technical standards and the German Appliance Safety Law. Nevertheless, as a manufacturer we consider it our obligation to make you aware of the following safety information:

Installation, Connection and Placing into Operation

- The dishwasher may only be transported upright.
- Check the dishwasher for transport damage. Do not in any circumstances connect an appliance that is damaged. In the case of damage, please contact your supplier.
- Prior to placing the appliance in operation, ensure that the nominal voltage and type of supply on the rating plate match that of the supply where the appliance is to be installed. The fuse rating is also to be found on the rating plate.
- For information on how to correctly install and connect up your dishwasher, please read the „Installation" section. Multiway plugs / connectors and extension cables must not be used. This could constitute a safety hazard.

Child Safety

- Children often do not recognise the hazards associated with the use of electrical appliances. It is therefore important that you ensure children are adequately supervised and that you do not allow children to play with the dishwasher – there is a risk that children can shut themselves inside the appliance (risk of suffocation!).
- Packaging materials (e.g. films, styrofoam) can be dangerous for children. Risk of suffocation! Keep packaging away from children.
- Detergents can cause burns to the eyes, mouth, and throat, or even cause choking! Please observe the manufacturer's safety instructions for cleaners and detergents.
- The water in your dishwasher is not suitable for drinking. If there are still remnants of detergent in the appliance, there is a risk of burns!
- When disposing of the dishwasher: unplug from the mains, cut off and dispose of the mains cable. Break the door lock so that the door no longer shuts.

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General Safety

- Repairs to the dishwasher are only to be carried out by qualified service engineers. Improper repairs can give rise to significant hazards for the user. If your appliance needs repairing, please contact customer service or your dealer.
- Never place the dishwasher in operation if the mains cable, water inlet or drain hose is damaged; or the control panel, work top or plinth area is damaged such that the inside of the appliance is freely accessible.
- If the mains lead is damaged, or is to be replaced for a longer lead, the cable (obtainable from AEG customer service) must be replaced by a service engineer authorised by AEG.
- Never unplug the appliance by pulling on the cable, always pull the plug.
- Additions or modifications to the dishwasher are not permitted for safety reasons.
- Ensure that the door of the dishwasher is always closed when it is not being loaded or unloaded. In this way you will avoid anybody tripping over the open door and hurting themselves.
- Sharp knives and other item of cutlery with sharp edges must be laid in the upper rack or placed in the cutlery rack with the point facing downwards.

Correct Use

- Only wash household dishes using the dishwasher. If the appliance is used for other purposes, or is used incorrectly, the manufacturer cannot accept any liability for any damage caused.
- Prior to use, ensure that the manufacturers of the special salt, detergent, and rinse aid employed specifically permit the usage of their products in household dishwashers.
- Do not put any solvents in the dishwasher. There is a risk of an explosion!
- The anti-flood system provides dependable protection against damage due to leaks. For this system to function correctly, the following preconditions must be met:
  - The appliance must remain connected to the mains even when it is switched off.
  - The dishwasher must be correctly installed.
  - Always shut off the water supply at the tap when the dishwasher is not to be used for longer periods, e.g. when you are away on holiday.

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- Do not sit or stand on the open door, the appliance may tip over.
- In the event of a fault, first close the tap, then switch off the appliance and unplug it from the mains. If the appliance is permanently wired to the mains: switch off the fuse(s) or unscrew them.

Disposal

Disposing of the Packaging Material

Dispose of the dishwasher packaging material correctly. All the packaging materials used are harmless to the environment and can be recycled.

- Plastic parts are marked with standard international abbreviations:
  - >PE< for polyethylene, e.g. sheet wrapping material
  - >PS< for polystyrene, e.g. padding material (always CFC-free)
  - >POM< for polyoxymethylene, e.g. plastic clips
- Cardboard packaging is manufactured from recycled paper and should be deposited in the waste paper collection for recycling.

Disposal of old appliances

As and when you cease to use your dishwasher, please take it to a recycling centre or to your dealer who will, for a small contribution to the costs, dispose of it for you.

Economical and Ecological Dishwashing

- Only connect the dishwasher to the hot water supply if your hot water is not electrically heated.
- Ensure that the water softener is correctly adjusted.
- Do not pre-rinse dishes under running water.
- When you wash a small load, the load sensor calculates the amount of water necessary and shortens the programme. It is more economical to always wash with a full load.
- Select the wash programme to suit the nature and degree of the soiling on the dishes.
- Do not use more detergent, special salt or rinse aid than is recommended in these operating instructions and by the manufacturer of the respective product.

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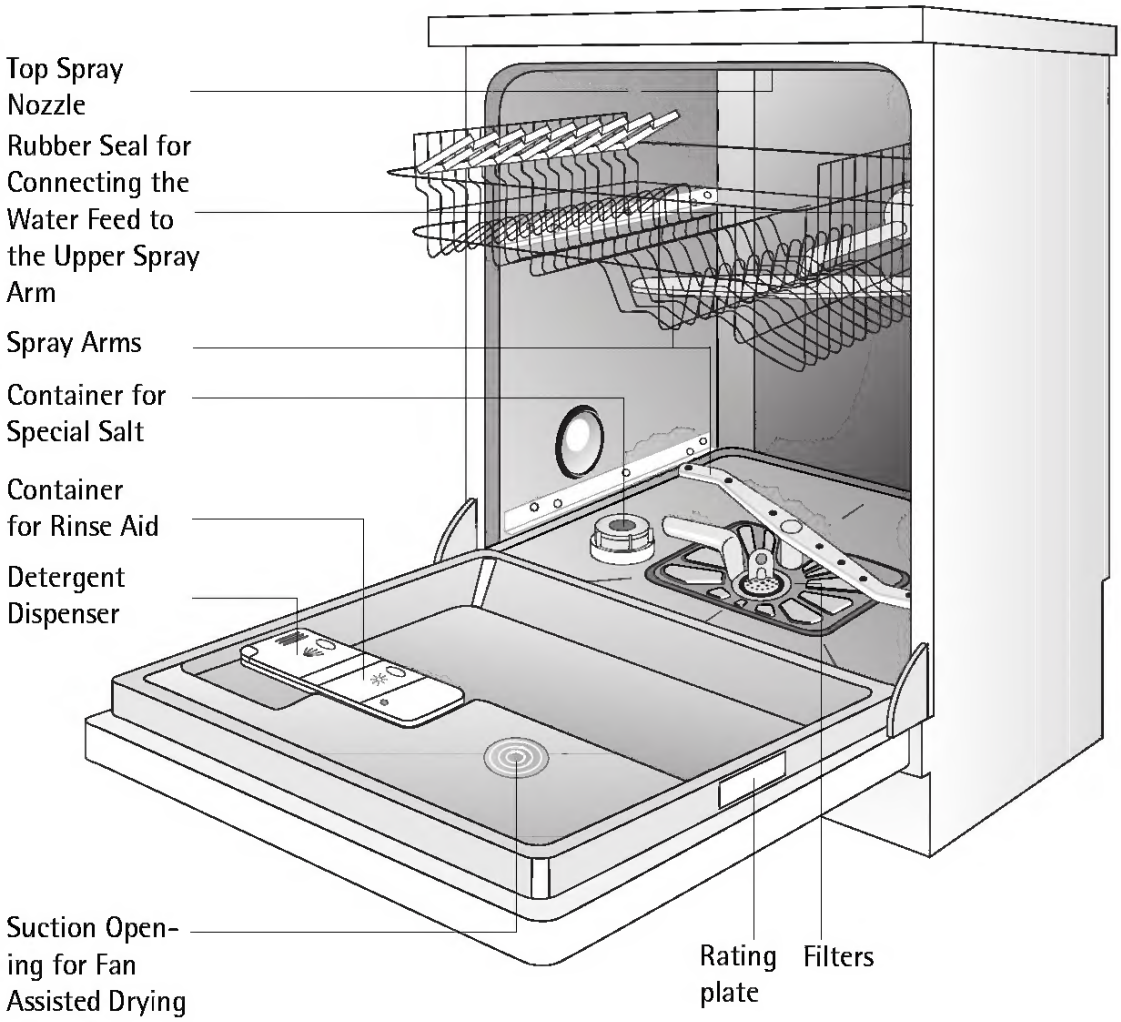
Appliance Features and Control Panel


Top Spray Nozzle
Rubber Seal for Connecting the Water Feed to the Upper Spray Arm
Spray Arms
Container for Special Salt
Container for Rinse Aid
Detergent Dispenser
Suction Opening for Fan Assisted Drying
Rating plate
Filters

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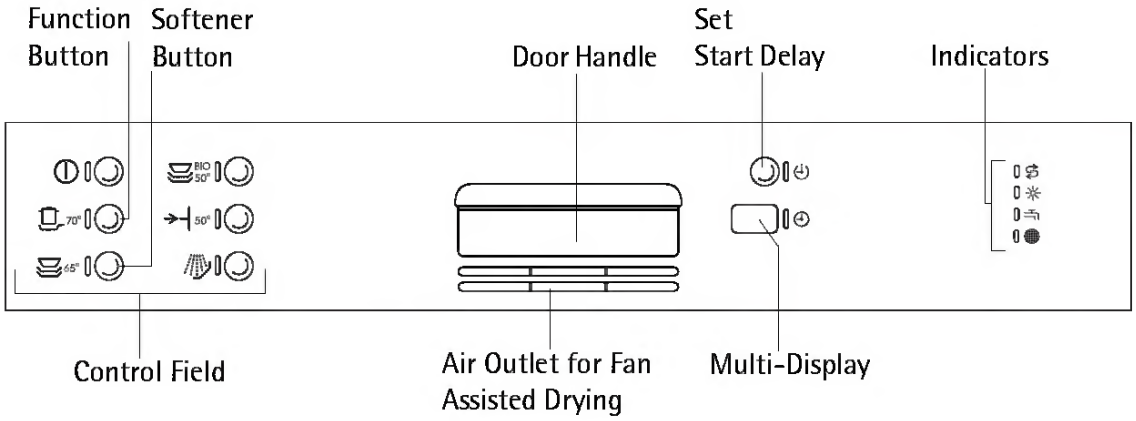
Control panel



The **Control Field** comprises the ON/OFF switch ⏻ and the programme buttons with LED indicators.

Softener and Function Button: in addition to the wash programme marked, it is also possible to adjust the dishwasher's water softener using the combination of these buttons.

The **Multi-Display** can display,
- the hardness setting to which the water softener is set.
- the start delay that is set.
- how long the current wash programme can be expected to last.
- which fault has occurred on the dishwasher.

The **Indicators** have the following meanings:

	Refill with special salt
	Refill with rinse aid
	Open the tap
	Clean the dishwasher's filter system

Prior to using for the first time

Prior to using for the first time, remove all the clips with which the dish racks are secured for transport.
Then perform the following steps:

☞ **1.** Adjust the water softener

2. Filling with Special Salt for the Water Softener

3. Filling with Rinse Aid

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Adjust the water softener

To avoid the scale deposits on the dishes and in the dishwasher, the dishes must be washed with soft, i.e. low lime content, water. The dishwasher therefore has a built-in water softener, in which tap water from a hardness of 4 °d (German degree) is softened with the aid of special salt.

You water supplier will be able to inform you on the hardness and hardness range of the water in your area.

☞ Adjust the water softener to the setting given in the table that corresponds to the hardness of the water in your area. The water softener can be adjusted in 10 steps.

Water Hardness in °d[1])	in mmol/l [2])	Range	Adjust to Hardness Setting	Indication on the Multi-Display
41-50	7.3-9.0	IV	9	H 9
35-40	6.3-7.2		8	H 8
31-34	5.5-6.2		7	H 7
27-30	4.8-5.4		6	H 6
23-26	4.1-4.7		5	H 5
19-22	3.3-4.0	III	4	H 4
15-18	2.6-3.2		3*	H 3
11-14	1.9-2.5	II	2	H 2
4-10	0.7-1.8	I/II	1	H 1
under 4	under 0.7	I	0 no salt necessary	H 0

1)(°d) German degree, measure of the hardness of water
2)(mmol/l) millimol per litre, international unit for the hardness of water
*factory setting

☞ **1.** The dishwasher must be switched off.

2. Press the function and water softener buttons simultaneously and keep them pressed

3. In addition press the ON/OFF switch.
The LED indicators for the function and water softener buttons flash.

4. Press the softener button again.
The multi-display indicates the hardness setting.

5. Pressing the water softener button increases the hardness setting by 1. (Exception: hardness setting 0 follows hardness setting 9).

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6. When the hardness setting is correct, press the ON/OFF switch. The hardness setting is then saved.

Filling with Special Salt for the Water Softener

⚠ Use only special salt for dishwashers. Never fill the salt container with any another type of salt (e.g. culinary salt) or dishwasher detergent. This would irreparably damage the water softener.
Prior to filling with salt, please check each time that you really do have a packet of special salt in your hand.

Fill with special salt:
- Prior to using the dishwasher for the first time
- When the SALT indicator on the control panel is illuminated.

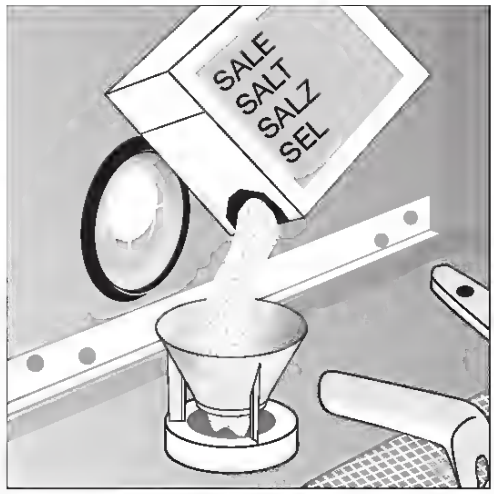
ⓘ If the water hardness in your area is less than 4 °d, you do not need to use special salt.

☞ 1. Open the door, remove the lower rack.

2. Undo the lid on the salt container by turning it anticlockwise.

3. **Only when using for the first time:** fill the salt container with water.

4. Place the funnel supplied on the container opening.
Fill the container with special salt through the funnel; the capacity of the container is approx. 1.0-1.5 kg depending on the grain size. Do not overfill the salt container with special salt.



ⓘ The water expelled by filling the salt container with special salt runs out of the salt container onto the base of the washing compartment. This is not a cause for concern, the water will be pumped out at the start of the next wash programme.

5. Clean any salt remnants on the container opening.

6. Turn the lid clockwise to the stop, otherwise special salt will leak into the wash water, this could lead to poor wash results. To avoid this run a rinse programme after filling the salt container with special salt. This will wash away salt water and any salt crystals that have been spilt.

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Depending on the size of the salt grains, it can take several hours for the salt to dissolve in the water and the special salt indicator to extinguish. The setting of the water softener and thus the consumption of salt are dependent on the hardness of the local water.

Filling with Rinse Aid

Rinse aid ensures that your dishes gleam and are free from spots, and that you glasses are clear.

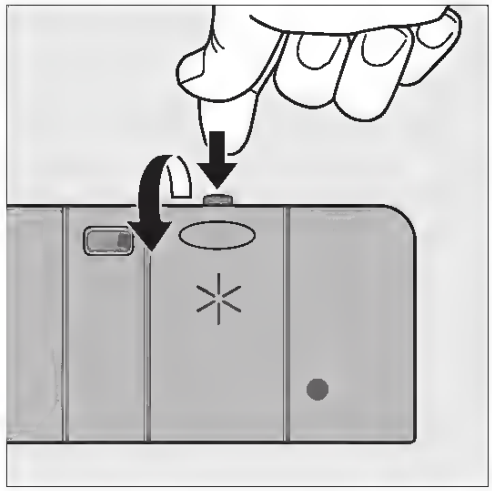
Use only branded rinse aid for dishwashers. Never fill the rinse aid container with any another substance (e.g. concentrated vinegar). This would damage the appliance.

Fill with rinse aid:

- Prior to using the dishwasher for the first time
- When the RINSE AID indicator on the control panel is illuminated.

The rinse aid compartment is on the inside of the dishwasher door.

1. Open the door.
2. Press the rinse aid compartment release button with your finger.
3. Fully open the rinse aid compartment lid.



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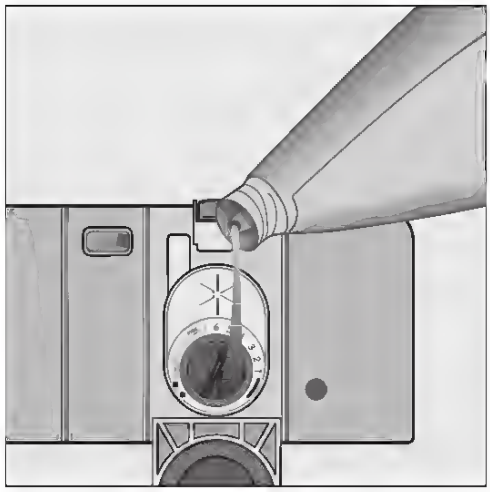
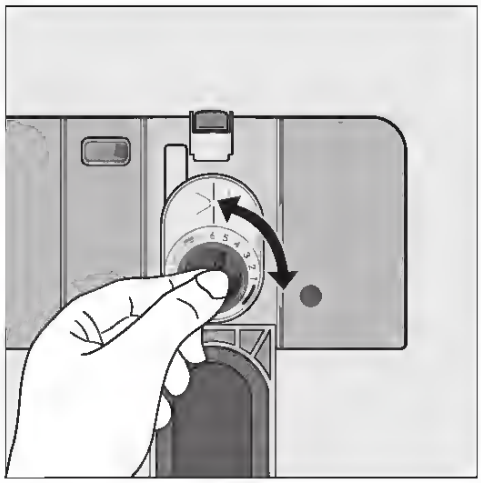
4. Fill with rinse aid exactly up to the level marked "max"; this corresponds to a quantity of approx. 140 ml.
5. Close the lid and press until it locks into place.
6. Wipe up any spilt rinse aid with a cloth. Otherwise too much foam will be formed during the wash.



Adjusting Rinse Aid Dosing

As the dishes are washed rinse aid is released from the dispenser into the wash water. The dose is factory set at 4, and can be adjusted from 1 to 6. Only change the setting if streaks, milky spots or dried on water marks are visible on glasses or crockery.

☞ 1. Open the door of the dishwasher.
2. Press the rinse aid compartment release button with your finger.
3. Fully open the rinse aid compartment lid.
4. Set the dose level.
5. Close the lid and press until it locks into place.
6. If rinse aid has run out, wipe up with a cloth.



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In Daily Use

- Is it necessary to refill with special salt or rinse aid?
- Load cutlery and dishes into the dishwasher
- Fill with dishwasher detergent
- Select a wash programme suitable for the cutlery and dishes
- Start the wash programme

Loading cutlery and dishes

Sponges, household cloths and any object that can absorb water may not be washed in the dishwasher.

For washing in the dishwasher the following cutlery/dishes	
are not suitable:	**are of limited suitability:**
• Cutlery with wooden, horn, china or mother of pearl handles • Plastic items that are not heat resistant • Older cutlery with cement that is not temperature resistant • Bonded cutlery items or dishes • Pewter or copper items • Lead crystal glass • Steel items subject to rusting • Wooden platters • Items made from synthetic fibres	• Only wash stoneware in the dishwasher if it is specifically marked as being dishwasher-safe by the manufacturer. • Glazed patterns may fade if machine washed frequently. • Silver and aluminium parts have a tendency to discolour during washing. Left-overs, e.g. egg white, egg yolk and mustard often cause discolouring and staining on silver. Therefore always clean left-overs from silver immediately, if it is not to be washed straight after use. • Some types of glass can become dull after a large number of washes.

- Before loading the dishes, you should:
  - Remove large left-overs.
  - Soften remnants of burnt food in pans.
- When loading the dishes and cutlery, please note:
  - Dishes and cutlery must not impede the rotation of the spray arms.
  - Load hollow items such as cups, glasses, pans, etc. with the opening downwards so that water cannot collect in the container or a deep base.
  - Dishes and items of cutlery must not lie inside one another, or cover each other

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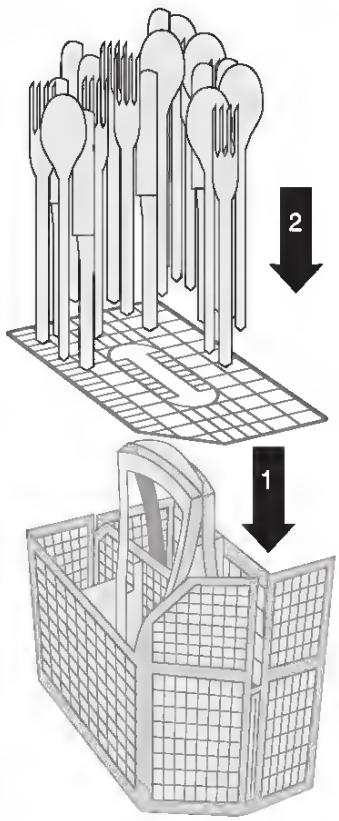
– To avoid damage to glasses, they must not touch
– Do not lay small objects (e.g. lids) in the cutlery rack

Loading Cutlery

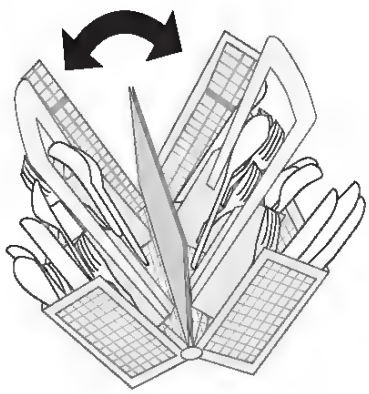
⚠ Long, pointed items of cutlery in the cutlery rack are a hazard, particularly to children (see Safety Instructions).

To ensure that all items of cutlery are completely washed, you should

1. Place the grid insert on the cutlery rack
2. Place short knives, forks and spoons in the grid insert with their handles pointing downwards.



To make the removal of cutlery easier, on **some dishwasher models** it is possible to open the cutlery rack.
If you use the grid insert then the cutlery rack cannot be opened.



⚠ To ensure that the cutlery rack cannot open on removal from the appliance, you should always hold both parts of the two part handle.

☞ 1. Place the cutlery rack on a table or work surface
2. Open the two part handle
3. Remove cutlery
4. Close the two part handle.

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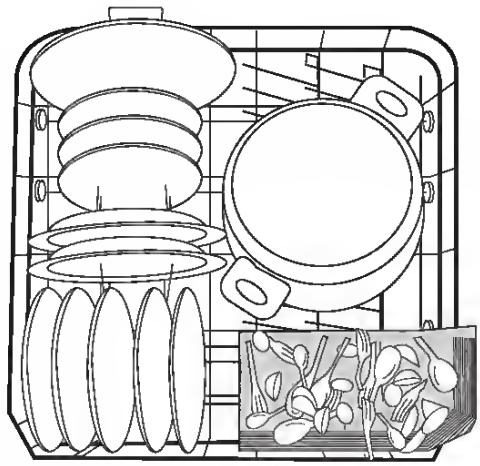
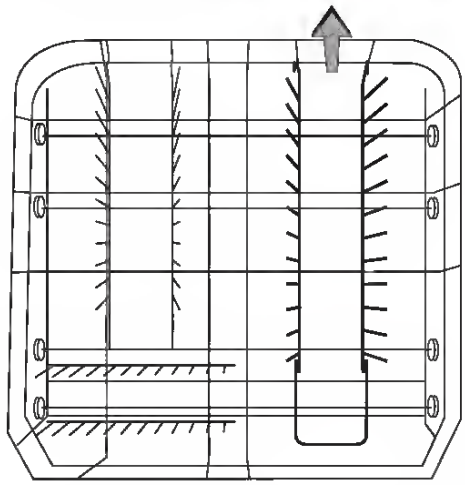
Loading Pans, Frying Pans and Large Plates

Load large and heavily soiled dishes in the lower rack.

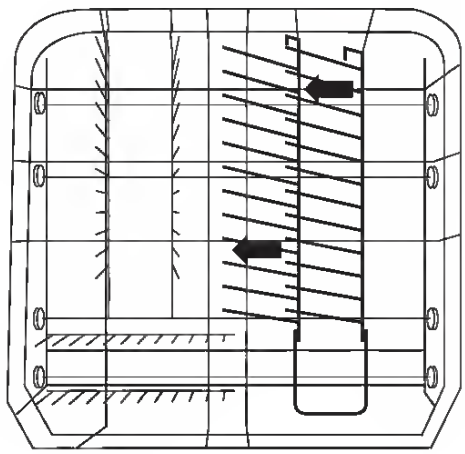


i To ease the loading of large items at some dishwasher-models the two rows of prongs for the right-hand plate insert can be folded down:

☞ **1.** Slightly lift the right plate insert.



2. Fold the plate insert to the left.



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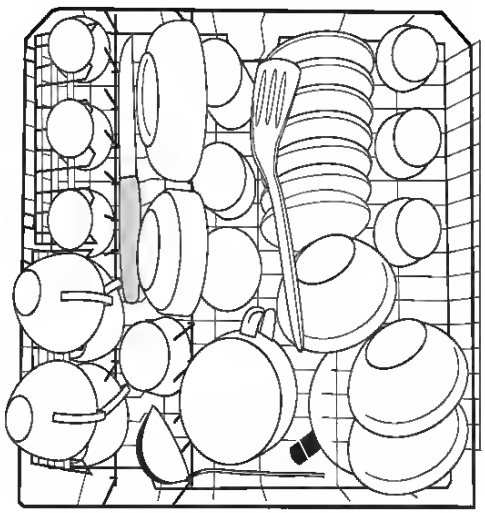
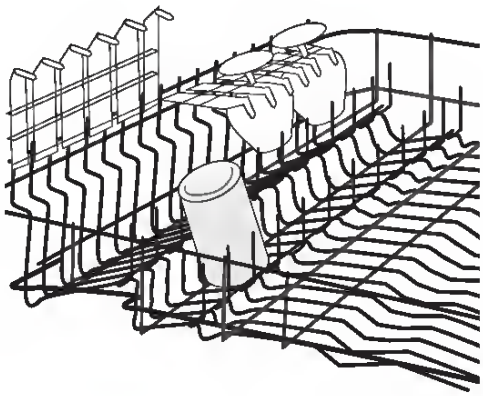
Loading Cups, Glasses and Coffee Services

Load small, delicate items and long pointed cutlery in the upper rack.



- Arrange items of crockery on the folding cups racks so that they are offset from each other and water can reach all items.
- The cup racks can be folded up out of the way for tall items.
- Lay or hang wine, champagne, and brandy glasses in the cut outs on the cup racks.
- Glasses, beakers, etc. can also be placed on the two rows of prongs on the left of the upper rack.



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Adjusting the Height of the Upper Basket

	Maximum Height of the Dishes in the Upper Basket	Lower Basketk
With upper basket raised	22 cm	31 cm
With upper basket lowered	24 cm	29 cm

The height of the basket can also be adjusted when it is loaded.

Depending on the model, your appliance is provided with one of the following types of upper basket:

Lowering the Upper Basket:

☞ **1.** Pull the upper basket out completely.

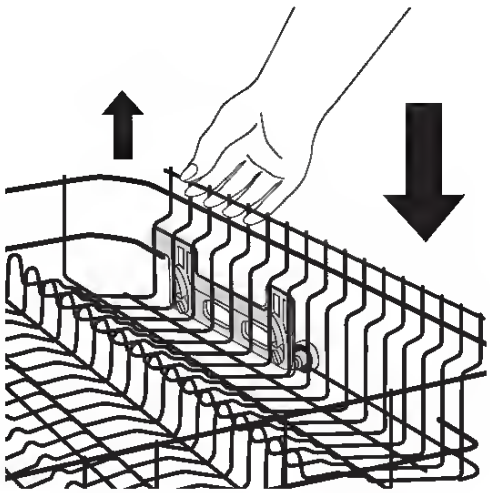
2. Lift the upper basket at the rear right and lower.

Raising the Upper Basket:

☞ **1.** Pull the upper basket out completely.

2. Raise the upper basket at the rear right, pull slightly forward and allow to lock into place in the upper position.

Type 1



Lowering the Upper Basket:

☞ **1.** Pull the upper basket out completely.

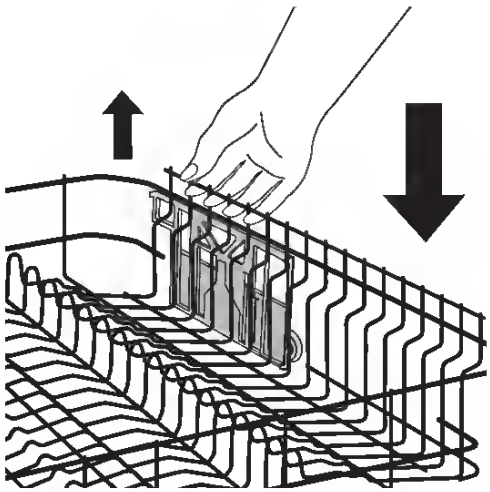
2. Holding the upper basket at the rear right, lift it as far as it will go and then lower it vertically. The upper basket will engage in the lower position.

Raising the Upper Basket:

☞ **1.** Pull the upper basket out completely.

2. Holding the upper basket at the rear right, lift it as far as it will go and then lower it vertically. The upper basket will engage in the higher position.

Type 2



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Filling with Detergent

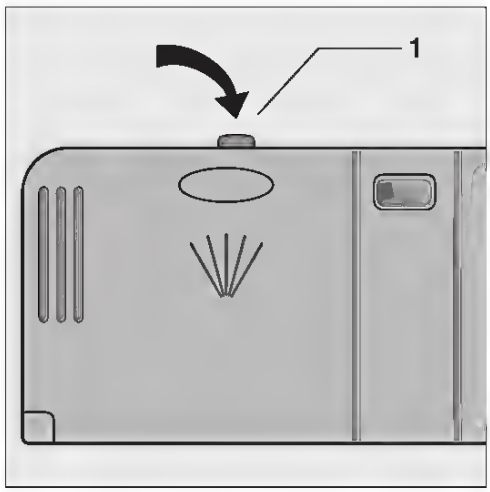
Only use dishwasher detergent.

Fill with detergent:

– Prior to the start of a wash programme (not for the pre wash programme). The detergent is released into the wash water during the programme.

Please observe the manufacturer's dosing and storage recommendations as stated on the detergent packaging.

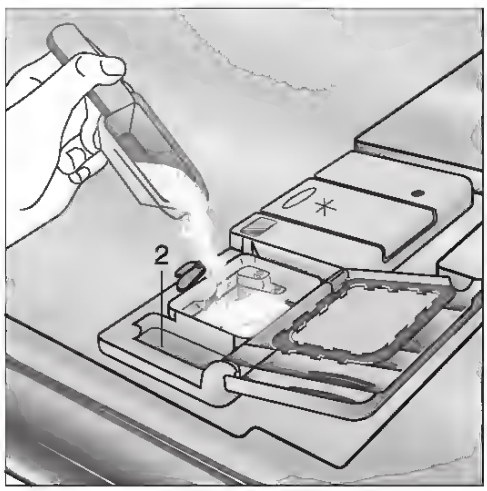
The detergent compartment is on the inside of the dishwasher door.



☞ **1.** If the lid is closed:
press release button (1).
The lid springs open.

2. Fill the detergent dispenser with detergent. The markings indicate the dosing levels:
"20" corresponds to approx. 20 ml of detergent,
"30" corresponds to approx. 30 ml of detergent.

3. Close the lid and press until it locks into place.



If the dishes are very heavily soiled put additional detergent into the adjacent chamber (2). This detergent will take effect during the pre wash.

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Bio Wash Programmes and Concentrated Detergents

Based on their chemical composition, dishwasher detergents can be split into two basic types:
- Conventional, alkaline detergents with caustic components
- Weak alkaline concentrated detergents with natural enzymes.

The use of BIO wash programmes in conjunction with concentrated detergents reduces pollution and is good for your dishes; the BIO wash programmes are specially matched to the soil dissolving properties of the enzymes in the concentrated detergent. It is for this reason that BIO wash programmes can achieve the same results at 50 °C that can otherwise only be achieved using 65 °C programmes.
During BIO programmes the water is briefly heated to more than 50 °C so that the active oxygen becomes effective.

Detergent tablets from different manufacturers dissolve at different rates. For this reason some detergent tablets cannot develop their full cleaning power during short programmes. Therefore please use normal programmes with pre wash when using detergent tablets.

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Selecting the Wash Programme (Programme Table)

Choose the most suitable wash programme with the aid of this table:

Type of Dishes	Dinner Service and Cooking Utensils			Dessert Dishes and Coffee Service	All Dish Types
In Addition	-	-	with non-temperature resistant dishes	with delicate glasses	-
Type of Soiling	• heavily soiled • dried on leftovers, particularly egg white and thickeners	• normally soiled • dried leftovers	• normally soiled particularly suited to the use of concentrated detergents.	• lightly soiled	Used dishes that are being collected in the dishwasher for washing later.
Suitable Programme:	⇩	⇩	⇩	⇩	⇩
	INTENSIVE 70°	**NORMAL** 65°	**NORMAL BIO** BIO 50° 1) 4)	**QUICK** 50°	**PRE WASH**
Programme Sequence 2)	Pre Wash Main Wash 2x Intermediate Rinses Final Rinse Drying	Pre Wash Main Wash Intermediate Rinse Final Rinse Drying	Pre Wash Main Wash Intermediate Rinse Final Rinse Drying	- Main Wash Intermediate Rinse Final Rinse -	Pre Wash - - - -
Consumption Figures: 3)	⇩	⇩	⇩	⇩	⇩
Duration	110 – 120 min.	89 – 99 min.	110 - 120 min.	30 min.	10 min.
Energy	1.9 – 2.1 kWh	1.15 – 1.35 kWh	0.85 - 1.05 kWh	0.85 kWh	< 0.1 kWh
Water	18 – 20 litres	14 – 16 litres	14 – 16 litres	12 litres	4 litres

1) During BIO programmes the water is briefly heated to more than 50 °C so that the active oxygen becomes effective.

2) The various stages in the wash programme have different sounds because the dishes are washed more intensely for short periods during certain stages of the wash programme to improve cleaning.

3) The consumption figures were recorded under standard conditions. They are dependent on the loading of the dish racks. Variations are therefore possible in practice.

4) Test programme

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Start the wash programme

☞ **1.** Check that the dishes and cutlery are loaded into the dishwasher in such a manner that the spray arms are free to rotate.

2. Open the tap fully.

3. Shut the door.

4. Press the ON/OFF button. The ON/OFF button indicator illuminates.

5. Press the programme button for the desired programme (see "Programme Table"). The programme indicator illuminates. The selected programme begins after around 6 seconds. The time remaining until the end of the programme is displayed on the multi-display, the time calculated is dependent on the load in the dish racks.
With automatic programme adjustment this residual time count can be stopped or corrected if necessary (load quantity, degree of dirtiness, etc.) using the dishwasher control.

i If fault messages are displayed on the multi-display after the start of the programme, please read the "What to do, if..." section.

Changing/Interrupting/Cancelling the Wash Programme

i Only change or interrupt a wash programme in progress if it is absolutely necessary to do so. When the appliance is closed again, the air that has entered is heated and expands significantly. As result water may penetrate into the base of the appliance and trigger the leak prevention system.

Changing the wash programme

i If you want to change the wash programme within 6 seconds of making a programme selection, briefly press the button for the new wash programme.

If you want to change the wash programme at a later point in time, use the following procedure:

☞ **1.** Press the button for the new wash programme and hold it pressed. The indicators for both programmes now flash.

2. After a few seconds only the indicator for the new programme flashes. Release the programme button, the new programme is now running.

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Interrupting the wash programme by opening the door of the dishwasher

⚠ Hot steam may escape from the appliance when opening the door. There is a risk of scolding! Open the door carefully.

☞ **1.** Open the door of the dishwasher. The wash programme stops.

2. The indicator for the programme that is currently running extinguishes.

3. Close the door. The wash programme continues.

Cancelling the wash programme

☞ **1.** Press the button for the current wash programme and hold it pressed. The programme indicator for the current wash programme flashes for a few seconds and then extinguishes.

2. Release the programme button, the wash programme is cancelled.

ⓘ A selected programme is only interrupted by switching off the dishwasher, it is not cancelled. The wash programme is continued when the dishwasher is switched on again.

Setting or Changing the Start Delay Timer

Using the start delay timer you can adjust when the wash programme is to begin within the next 19 hours.

Setting the start delay timer:

☞ **1.** Press the ON/OFF button.

2. Keep pressing the DELAY TIMER button ⏲ until the number of hours of delay until the wash programme is to start are flashing on the multi-display.

3. Press the button for the desired wash programme. The multi-display now displays the number of hours without flashing. The number of hours is saved.

4. The wash programme starts automatically at the end of the delay set.

Changing the start delay:

As long as the wash programme has not started, you can still change the start delay set by pressing the DELAY TIMER button ⏲.

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Load Sensing – Sensor Logic

If a wash programme is started even though there are only a few dishes in the upper and/or lower rack, an intelligent electronic system adjusts the amount of water and the duration of the wash programme to the number of dishes. By this means it is possible to wash only a few dishes quickly and economically. At half load (6 place settings), up to 2 litres of water and 0.2 kWh of electricity are saved.

Switching Off the Dishwasher

Only switch the dishwasher off when the multi-display indicates "0" remaining programme time.

☞ **1.** Press the ON/OFF button. The ON/OFF button indicator extinguishes.

⚠ Hot steam may escape from the appliance when opening the door immediately after the end of the programme. Therefore:

2. Open the door carefully.

Emptying the Dishwasher

ⓘ
- Hot dishes are sensitive to knocks. The dishes should therefore be allowed to cool down before removing them from the appliance.
- Leave the dishes in the dishwasher for approx. 15 minutes after the end of the programme so that they dry better and can cool down.
- First empty the lower rack, and then the upper rack. By using this procedure you will avoid any water that may be remaining in the upper rack, dripping onto the dishes in the lower rack and leaving water marks.

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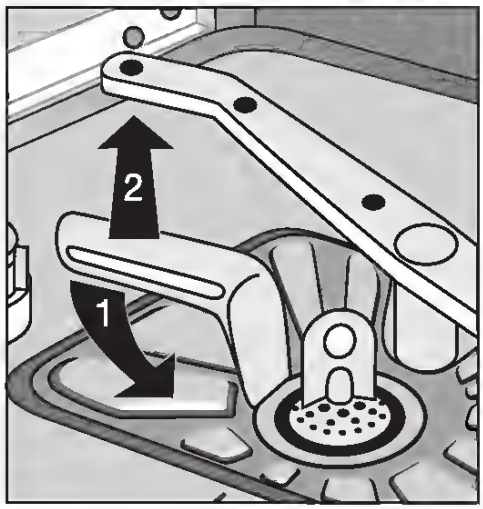
Care and Cleaning

⚠ Do not under any circumstances use furniture care products or aggressive cleaners.

- If necessary, clean the controls only with a soft cloth and pure warm water.
- The spray arms do not need cleaning.
- Occasionally check the internal containers, door seal, and water inlet for soiling, clean if necessary.

Cleaning the Filter

ⓘ The filters in the base of the washing compartment are to a large extent self-cleaning.
Nevertheless the filters should be checked and cleaned from time to time. Dirty filters will degrade the washing result.

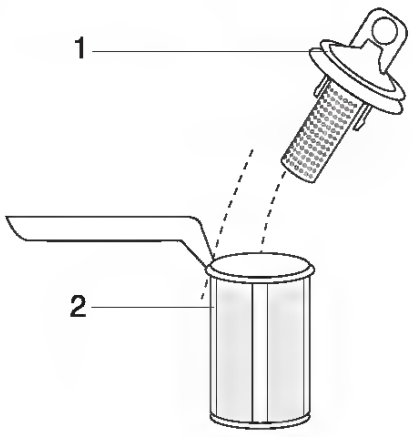


☞ **1.** Open the door, remove the lower rack.

2. The dishwasher filter system comprises a coarse/fine filter, microfilter and a flat filter. Unlock the filter system using the handle on the microfilter, and remove.

3. Turn the handle about ¼ a turn anticlockwise and remove.

4. Take hold of the coarse/fine filter (1) by the handle with the hole and remove from the microfilter (2)



5. Clean all filters thoroughly under running water.

6. Remove the flat filter (3) from the base of the washing compartment and clean both faces thoroughly

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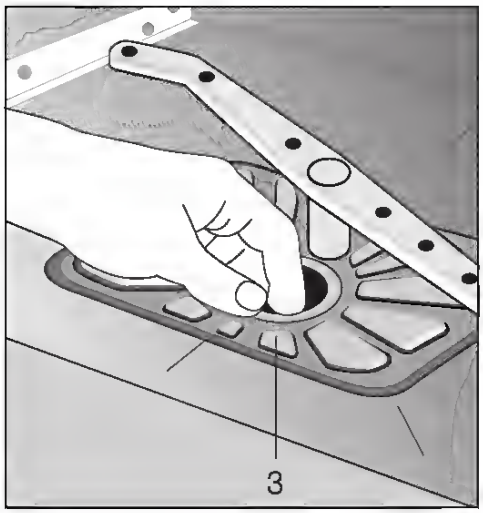
7. Put the flat filter back in the base of the washing compartment
8. Place the coarse/fine filter in the microfilter and press together.
9. Put the filter combination in place and lock by turning the handle clockwise to the stop. During this process ensure that the flat filter does not protrude above the base of the washing compartment.



⚠ Under no circumstances may the dishwasher be used without filters.

What to do, when ...

Try to rectify minor faults on the dishwasher with the aid of the instructions given here. If you call in customer service to resolve one of the malfunctions listed here, or rectify an error made in the operation of the appliance, the customer service engineer's visit is not free of charge, even during the period of guarantee.

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...Error messages are displayed.

- If fault code C2 is displayed on the multi-display or the indicator is illuminated, you can probably rectify the fault yourself.
  After rectifying a C2 fault and a fault related to the indicator, press the button for the wash programme that has been started. The wash programme continues. If the fault code is displayed again, contact customer service.
- For all other faults, please contact customer service, stating the fault code.

Malfunction	Possible Cause	Remedy
The programme indicator for the selected programme is flashing and the indicator is illuminated: there is no water running into the dishwasher.	Tap is blocked or furred with lime-scale.	Clean tap.
	The filter (where present) in the threaded hose fitting at the water inlet valve is blocked.	Clean the filter in the threaded hose fitting.
	The water inlet hose is not correctly laid.	Check hose installation.
Fault code C2 is displayed on the multi-display. The programme indicator for the selected wash programme is flashing.	The siphon is blocked.	Clean siphon.
	The water drain hose is not correctly laid.	Check hose installation.
Fault code C3 is displayed on the multi-display.	The leak prevention system has been triggered.	Close the tap and contact customer service.
The indicator is illuminated.	The indicator is only intended to remind you to check the filter in the dishwasher from time to time and, if necessary, to clean it. It illuminates at regular intervals, independent of the amount of soiling of the filter.	The indicator goes out automatically on the start of the next wash programme.

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...problems occur during use of the dishwasher.

Malfunction	Possible Cause	Remedy
The programme does not start.	The door of the dishwasher is not closed properly.	Shut the door.
	Mains plug is not plugged in.	Insert mains plug.
	House fuse is defective.	Replace fuse.
	In the case of dishwasher models with start delay timer: A start delay is selected.	Where dishes are to be washed immediately, for appliances - with multidisplay, set the delay start to 0. - without multidisplay, cancel the delay start timer.
Rust spots are visible in the washing compartment.	The washing compartment is made from rust-free stainless steel. Rust spots in the washing compartment are due to rust particles from external sources (rust particles from water pipes, pans, cutlery, etc.). Remove such spots with one of the stainless steel cleaners that are generally available on the market.	Only wash cutlery and dishes that are suitable for dishwasher use.
		Close the lid of the special salt container securely.
There is a whistling noise during washing.	The whistling is not a cause for concern.	Use a different brand of detergent.

...the wash results are not satisfactory.

The dishes are still dirty.

- The wrong wash programme was selected.
- The dishes were loaded is such a way that the wash waster did not reach all items. The racks for the dishes must not be overloaded.
- The filter in the base of the washing compartment is dirty or incorrectly positioned.
- Detergent was not used or too little was used.
- In the case of scale deposits on the dishes: The special salt container is empty or the water softener is incorrectly adjusted.
- The drain hose is incorrectly laid.

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The dishes are wet and dull.
- Rinse aid was not used.
- The rinse aid container is empty.

There are streaks, milky spots or a bluish coating on glasses and dishes.
- Lower rinse aid dosing.

There are dried water drops on the glasses and dishes.
- Increase rinse aid dosing.
- The detergent may be the cause. Contact the detergent manufacturer's customer advisor.

Technical Data

Capacity:	12 place settings including serving dishes
Permitted Water Pressure:	1-10 bar (=10-100 N/cm^2 = 0.1-1.0 MPa)
Electrical Connection:	Information on the electrical connection is given on the rating plate on the inner edge of the dishwasher door on the right.
Dishwasher: Free-Standing Appliances	
Dimensions:	850 x 600 x 600 (H x W x D in mm)
Max. Weight:	54 Kg
Dishwashers that Can Be Integrated, Built-In Dishwashers	
Dimensions:	820 – 880 x 596 x 570 (H x W x D in mm)
Max. Weight:	50 Kg
Dishwashers that Can Be Fully Integrated	
Dimensions:	820 – 880 x 596 x 546 - 550 (H x W x D in mm)
Max. Weight:	50 Kg

CE This appliance conforms with the following EU Directives:
- 73/23/EWG dated 19. 02. 1973 – Low Voltage Directive
- 89/336/EWG dated 03. 05. 1989 (including Directive Amendment 92/31/EWG) – EMC Directive

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Notes for Test Institutes

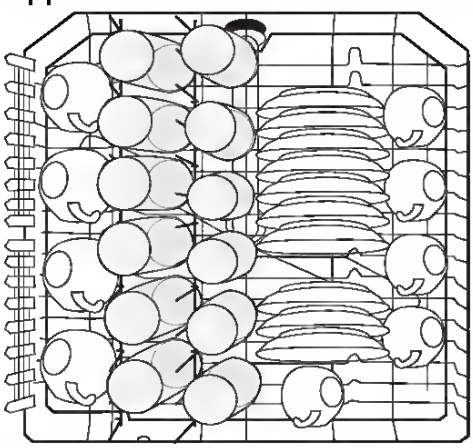
Testing in accordance with EN 60704 must be carried out with the appliance fully loaded and using the test programme (see Programme Table).

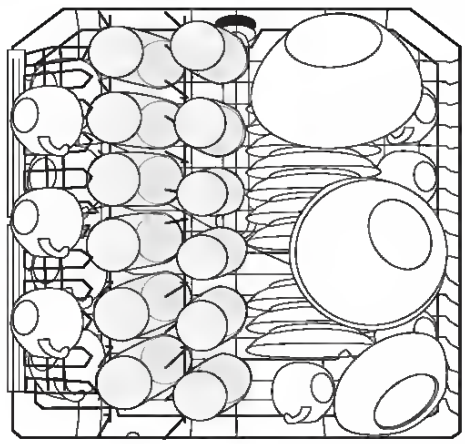
Tests in accordance with EN 50242 must be carried out when the salt dispenser and rinse aid container have been filled with salt and rinse aid respectively and using the test programme (see Programme Table).

	Full Load: 12 place settings incl. serving dishes	Half Load: 6 place settings incl. serving, leaving alternate positions free
Detergent Dosing:	5g + 25g (Type B)	20g (Type B)
Rinse Aid Setting:	4 (Type III)	4 (Type III)

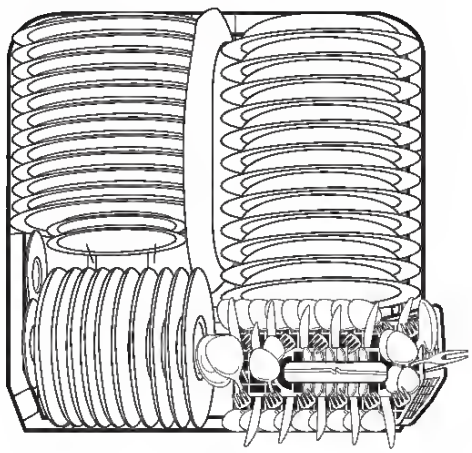
Sample loading arrangements:

Upper basket

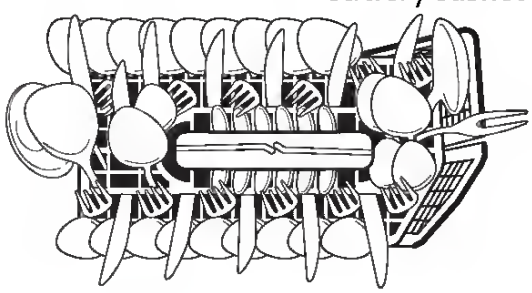




Lower basket with cutlery basket



Cutlery basket



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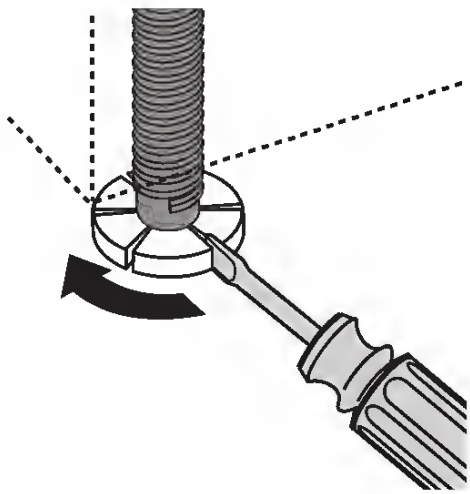
INSTALLATION AND CONNECTION INSTRUCTIONS

Installing the Dishwasher

- The dishwasher must be installed on a firm floor and adjusted to ensure that it is stable and level.
- To compensate for unevenness in the floor and to match the height of the appliance to that of surrounding units extend the threaded feet by unscrewing:
  – use a screwdriver.



- The drain hose, inlet hose and mains cable must not be kinked or crushed when the dishwasher is in position.

Free-Standing Appliances

- can be set up as stand-alone without additional installation.
  If the dishwasher is set up next to a gas or coal cooker, a heat-insulating, non-flammable plate must be mounted between the dishwasher and the cooker, flush to the top edge of the work surface (depth 57.5 cm). The plate should have aluminium foil on the side facing the cooker.

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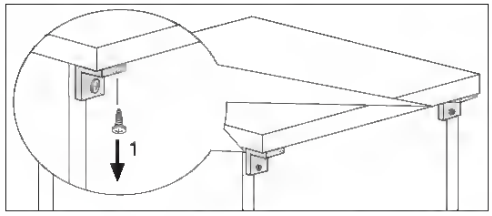
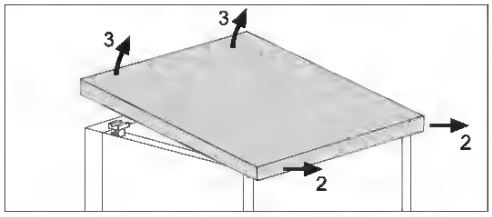
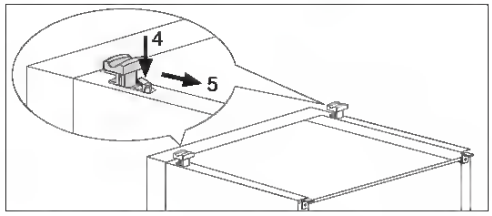
- If the dishwasher is installed underneath a kitchen work surface, the original work surface of the dishwasher is to be removed as follows:
  - Unscrew the screws (1) from the elbows on the back side.
  - Slide the work surface approx. 1cm to the rear (3), lift at the front (4) and remove.
  - Press the work surface retaining brackets at the position shown in the diagram (4) and remove the bracket at an angle to the rear (5).







- The dishwasher must also be screwed on tightly to the work surface or to the adjoining units. This is essential to ensure the dishwasher does not tip.

If the dishwasher is later used as a free-standing appliance, the original work surface must be re-mounted.

The plinth on free-standing appliances is not adjustable.

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Connecting the Dishwasher

Water Connection

The dishwasher is fitted with safety devices that prevent the wash water returning into the drinking water system and comply with the applicable plumbing regulations.

- The dishwasher can be connected to cold and hot water supplies up to max. 60 °C.
- The dishwasher **must not** be connected to open hot water appliances or instantaneous water heaters.

Permitted water pressure

Lowest permitted water pressure: 1 bar (=10 N/cm^2 =100 kPa)	Consult your installer if the water pressure is less than 1 bar.
Highest permitted water pressure: 10 bar (=100 N/cm^2 =1 MPa)	In the case of a water pressure greater than 10 bar, a pressure reduction valve must be used (available from your dealer).

Connect the inlet hose

The water inlet hose must not be kinked, crushed or entangled when it is being connected up.

Connect the threaded hose fitting (ISO 228-1:2000) on the water inlet hose to a tap with an external thread (¾ inch). Tighten the threaded hose fitting **hand tight only**.

- In order that access to the tap in the kitchen is not limited by the use of the dishwasher, we recommend the installation of an additional tap, or fitting a two way adapter to the existing tap.
- If you need a longer water inlet hose than that supplied, VDE approved complete hose sets are to be used. These are available from your local Service Force Centre.

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Water drain

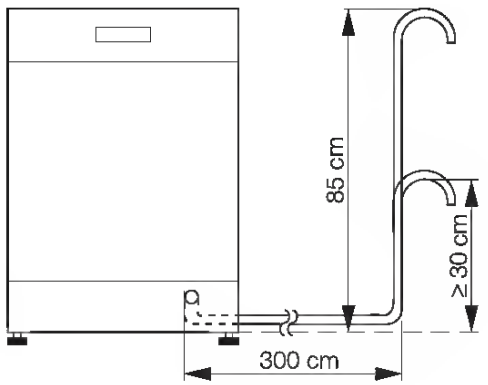
Drain hose

The drain hose must not be kinked, crushed or entangled.

- Connecting the drain hose:
  - Maximum permitted height: 1 metre.
  - Minimum required height 30 cm above the lower edge of the machine.

Extension hoses

- Extension hoses are available from your dealer or customer service. The internal diameter of the extension hoses must be 19 mm to ensure that the function of the appliance is not impeded.
- Extension hoses may be laid a maximum of 3 metres horizontally; the maximum permitted height for the connection for the drain hose is then 85 cm.



Sink outlet connection

- The outlet of the drain hose (ø 19 mm) fits all commonly available sink outlet spigot types. The outer diameter of the spigot connection must be at least 15 mm.
- The drain hose must be fixed to the sink outlet connection using the hose clamp supplied.

If the dishwasher is fitted at a high position

If the dishwasher is installed at a high level, and the drainhose connection is less than 30 cm from the bottom of the appliance, adapter kit ET 111099520 must be fitted. This is available from Customer Service.

Water drain into wash basins (only possible with free-standing appliances)

In the case that you wish to hang the drain hose in a wash basin, use a detachable hose elbow. You can obtain this from AEG customer service under spare part number ET 646 069 190.

☞ **1.** Fit the elbow to the drain hose.

2. Secure the drain hose against sliding off the edge of the wash basin. Pass a piece of cord through the hose elbow and fix it to the wall or the tap.

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Leak Prevention System

For protection from damage due to water leaks, the dishwasher is equipped with a leak prevention system, the AQUA CONTROL SYSTEM.

In the event of a fault, the safety valve immediately interrupts the supply of water to the appliance and the drain pump switches on. By this means water can neither escape nor overflow. The remaining water in the appliance is automatically pumped out.

The AQUA CONTROL SYSTEM also works when the appliance is switched off – the appliance must however **not** be disconnected from the mains.

Electrical connection

In compliance with electric company technical requirements for mains connections, hard-wired connections to the mains may only be made by approved electri-cians.

When connecting the appliance, observe the German VDE regulations and, if applicable, any additional conditions required by your local electricity supplier. Following installation, live parts and live insulated wiring must not be accessible using a finger test in accordance with EN 60335/DIN VDE 0700.

Information on the electrical connection can be found on the rating plate on the right side of the inner edge of the dishwasher door. If the appliance has a change-over switch, the additional instructions on the change-over diagram in the mains connector box must be observed.

Prior to connecting ensure that the mains voltage and current rating at the site of installation match the nominal voltage and current rating given on the rating plate. The required fuse protection is also to be found on the rating plate.

To isolate the dishwasher from the mains, remove the mains plug.
Important: The plug must still be accessible after the appliance has been installed.
If the appliance is hard-wired to the mains supply, then it must be safely isolated from the mains within the electrical installation with switches intended to ensure **all-pole(N,L1)** disconnection, shall be directly connected to the supply terminals and shall have a contact separation (fuses, cut outs, current trips or similar) of at least 3mm in each pole.

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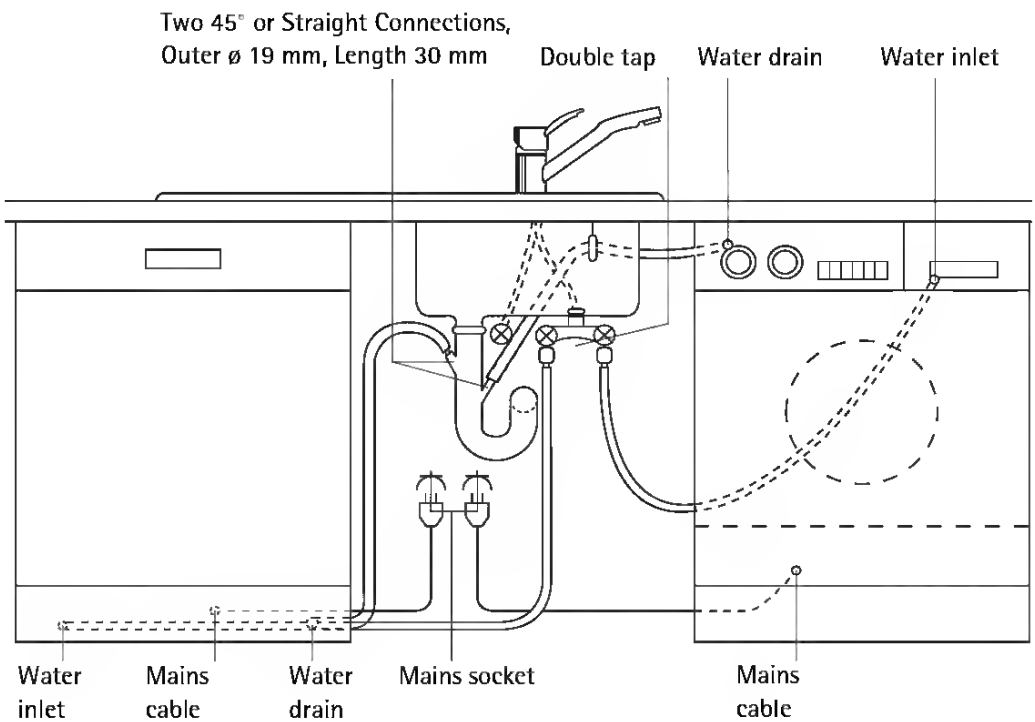
Connections

The water inlet and drain hoses, as well as the mains cable must be connected beside the dishwasher as there is insufficient space behind the appliance.

The plumbing and electrical installation example given below can only be regarded as a recommendation; the actual situation where the dishwasher is to be installed will define the exact installation (available connections, local electricity and water board regulations for connecting up appliances, etc.).



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SERVICE DEPARTMENTS

South Africa

South Africa

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55, 12th Road, Kew
P.O. Box 3657
JOHANNESBURG 2000
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Telefax: (011) 887-0849

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123 Old North Coast Road
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DURBAN 4999
Tel.: (031) 569-1470
Telefax: (931) 569-1498

CAPE TOWN
43 Neptune Street
Paarden Eiland
P.O Box 184
PAARDEN EILAND 7420
Tel.: (021) 511-0486
Telefax: (021) 510-5073

PORT ELISABETH
43 Pickering Street
Newton Park
P.O. Box 1231
PORT ELISABETH 6001
Tel.: (041) 353-600
Telefax: (041) 354-015

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Other Countries

U.A.E. Abu Dhabi
Universal Trading Company
P.O. Box 43 99
Tel.: 335331

Egypt
Middle East Commercial Center
P.O. Box 19
Kairo-Heliopolis
Tel.: 29917/31634

Australia
ANDI-Co Pty. Ltd
9 Kingston Town Close
Oakleigh VIC 3166
Tel.: (03) 9569 1235
Fax: (03) 9569 1450

Bahrain/Arabian Gulf
A.A. Zayani & Sons
P.O. Box 9 32
Bahrain
Tel.: 261060

Bulgaria
Electrolux Bulgaria E.O.O.D.
91 Levski Blvd.
1000 Sofia
Tel.: 2 806676
Fax. 2 980 5276

Jordan
Jordan Household
Supply Co. Ltd.
P.O. Box 3/68
Amman/Tel.: 69 70 50

Kanada
EURO-LINE Appliances
2150 Winston PARK Drive 20
Oakville, Ontario L6H 5V1
Tel.: 905 829 3980
Fax: 905 829 3985

Korea (South)
Core Incorp.
3/F Chewoo Bldg.
200 Nonhyun-Dong
Kangnam-Ku
Seoul
Telefon 82 2 549 89 61

Croatia
Electrolux D.O.O.
Suplova 7
10000 Zagreb
Tel.: 1 61 19512
Fax: 1 61 19513

Kuwait/Arabian Gulf
Ali Al-Ghanim Est.
P.O. Box 10 83
Tel.: 5322463
Fax: 5242114

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ITC
International Trading Company
White House Building
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Blata L-Bajda/Tel.: 220644

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Port Louis
Tel.: 25355

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Tel.: (09) 525 2222

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Nouman
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Tel.: 214080

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GUARANTEE CONDITIONS

South Africa

Guarantee Conditions

1. AEG guarantees the equipment against defective material or faulty manufacture, **provided it is** used for domestic purposes only, for a period twelve (12) months from the date of purchase by the original purchaser. **If used for commercial purposes, the warrantly period will be limited to six (6) months.**

2. Where the appliance is used or installed more than Fifty **(50)** kilometres from the nearest AEG Service Agent shall be **for** the account of the purchaser.

3. The risk in regard to appliances to be repaired shall at all times remain with the purchaser.

4. This guarantee is given on condition that only genuine AEG parts and accessories are at all times used in the appliance.

5. AEG shall not be responsible for damage of any kind resulting from electricity fluctuations, faults in the building wiring, faulty **installations**, improper use of controls or failure to use the appliance in accordance with the operating instructions **and/or** general misure **and/or** abuse.

6. Any attempt by an unauthorised person to repair or tamper with the equipment shall render this guarantee null and void.

7. This guarantee does not apply to light bulbs, loose glass, glass oven doors and enamelled surfaces or to dust bags, filters **and other parts subject to wear and tear.**

8. AEG shall not be responsible in terms of this guarantee for the replacement or repair of any part of the equipment which may have been damaged in transit.

9. Repairs carried out under guarantee do not extend the guarantee period for the appliance. Parts removed during guarantee repairs become the property of AEG.

10. This guarantee shall be available only to an original purchaser of AEG **domesic** appliances from an authorised AEG Dealer of **Distributor** in and where the appliance has been retained for use in the Republic of South Africa, Namibia, Botswana, Swaziland, Lesotho and **Zimbabwe.**

11. Failure to produce documentary proof of the date or original acquisition by the original purchaser will result in **normal charges** being levied for **the** work **carried out** and **the** parts supplied.

12. The liability of AEG under this guarantee is limited to the replacement and/or repair of the defective parts within the guarantee period and does not extend to be installation or removal of the appliance. Furthermore, AEG does not accept responsibility or **liability** to compensate for any consequential loss or damage of any kind caused by or due to the failure of operation or malfunction of any equipment to which this guarantee applies.

AEG Domestic Appliances. A division of Electrolux S.A. (Pty) Ltd.

55 Twelfth Road, Kew, Johannesburg 2000

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Other Countries

Weitere Kundendienststellen im Ausland
In diesen Ländern gelten die Garantiebedingungen der örtlichen Partner. Diese können dort eingesehen werden.

Further after-sales service agencies overseas
In these countries our AEG agents' own guarantee conditions are applicable. Please obtain further details direct.

Autres agences étrangères assurant le service après-vente
Dans ces pays, les conditions de garantie des concessionnaires de la région sont valables. Vous pouvez les consulter sur place.

Otros puntos de Postventa en el extranjero
En estos países rigen las condiciones de nuestros representantes locales. las cuales pueden ser consultadas allí mismo.

Ulteriori uffici del servizio tecnico assistenza clienti all'estero
In questi paesi sono valide le condizioni di garanzia dei partner locali. Queste condizioni possono essere esaminante sul luogo.

Serviços de assistência técnica no estrangeiro
Nestes países são válidas as condições de garantia dos concessionários locais, podendo aí ser consultadas.

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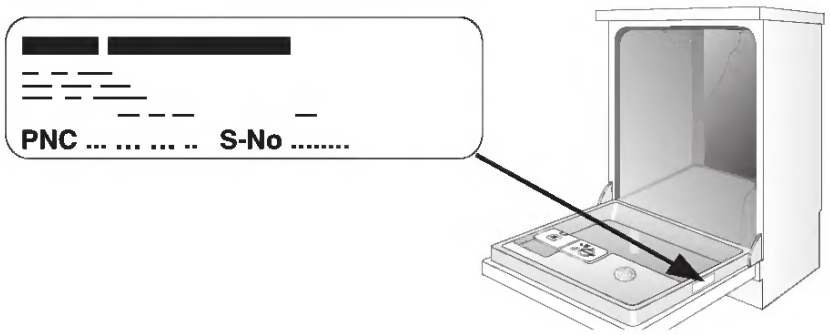
SERVICE

In the section "What to do, if..." the most important sources of faults that you can rectify yourself are summarised.
If, nevertheless, you call in customer service to resolve a problem listed in these instruction, or because of an error made in operating the appliance, the customer service engineer's visit is not free of charge, even during the warranty period.

If you can not find any information on a specific malfunction in these operating instructions, please contact customer service.

Please provide customer service the PNC number and the S No. (serial number), you can find these on the rating plate. The plate is on the inner edge of the door on the right.



So that you always have these numbers at hand, we recommend you to make a note of them here:

PNC :.....

S-No. :.....

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AEG Hausgeräte GmbH
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